

# Document Index

## **IBM PowerPC Embedded Processors**

*PowerPC Family of Embedded Processors (Overview)*

### **400 Family**

*PowerPC Embedded Environment Manual*

*PowerPC 401 Cores (Product Brief)*

*PowerPC 401GF Embedded Controller (Product Brief)*

*PowerPC 401GF 32-Bit RISC Embedded Controller (Data Sheet)*

*PowerPC 401GF User's Manual*

*PowerPC 403GA/GB/GC Embedded Controller (Product Brief)*

*PowerPC 403GA 32-Bit RISC Embedded Controller (Data Sheet)*

*PowerPC 403GA User's Manual*

*PowerPC 403GB 32-Bit RISC Embedded Controller (Data Sheet)*

*PowerPC 403GB User's Manual*

*PowerPC 403GC 32-Bit RISC Embedded Controller (Data Sheet)*

*PowerPC 403GC User's Manual*

*PowerPC 403GCX Embedded Controller (Product Brief)*

*PowerPC 403GCX 32-Bit RISC Embedded Controller (Data Sheet)*

*PowerPC 403GCX 32-Bit RISC Embedded Controller (User Manual)*

### **600 Family**

*PowerPC Programming Environment Manual*

*PowerPC 602 Microprocessor (Product Brief)*

*PowerPC 602 RISC Microprocessor Technical Summary*  
*PowerPC 602 RISC Microprocessor Hardware Specifications*  
*PowerPC 602 RISC Microprocessor User's Manual*  
*PowerPC 603 (66) RISC Microprocessor (Product Brief)*  
*PowerPC 603 RISC Microprocessor Hardware Specifications*  
*PowerPC 603 RISC Microprocessor Technical Summary*  
*PowerPC EM603e/603e (100/166/200 MHz) (Product Brief)*  
*PowerPC EM603e/603e Microprocessor Hardware Spec (PID6)*  
*PowerPC EM603e/603e Microprocessor Hardware Spec (PID7V)*  
*PowerPC EM603e/603e Microprocessor Technical Summary*  
*PowerPC EM603e/603e RISC Microprocessor User's Manual*  
*PowerPC EM603e/603e RISC Microprocessor Supplement  
and User's Manual Errata*  
*PowerPC 740 Microprocessor (Product Brief)*  
*PowerPC 750 Microprocessor (Product Brief)*  
*PowerPC 740/750 RISC Microprocessor Hardware Specifications*

## **600 Family Support Products**

*PowerPC 60x Memory Controller and PCI Bridge (Product Brief)*  
*PowerPC 60x Memory Controller and PCI Bridge (User Manual)*  
*PowerPC 603e Integrated Solution (Product Brief)*  
*PowerPC 603e Multi-Chip Module (User's Manual)*

## **IBM ASIC Cores Technical Information**

### **IBM PowerPC Embedded CPU Cores**

*PowerPC 401A1 User Manual*

*PowerPC 401B2, C2, and D2 CPU Cores (Product Brief)*

*PowerPC 401B2, C2, and D2 User Manual*

### **Processor Bus Architectures**

*PLB, OPB, and DCR*

## **IBM PowerPC Evaluation Kits**

*PowerPC Embedded Processor Evaluation Kits (Product Brief)*

*PowerPC 401 Evaluation Kit User's Manual*

*PowerPC 401 Evaluation Kit Schematics*

*PowerPC 403GA/GC/GCX Evaluation Board Kit User's Manual*

*PowerPC 403GA/GC/GCX Evaluation Board Kit Schematics*

*PowerPC 602 Evaluation Board User's Manual*

***PowerPC 602 Evaluation Board Schematics***

*Xilinx1 Chip Schematic*

*Xilinx 2 Chip Schematic*

*PowerPC 60x Evaluation Kit User's Manual*

*PowerPC 60x SMP Reference Design Technical Spec*

*PowerPC 60x SMP Reference Design Schematics*

*PowerPC 740/750 Evaluation Kit User's Manual*

*PowerPC 740/750 SMP Reference Design Technical Spec*

*PowerPC 740/750 SMP Reference Design Schematics*

## **IBM PowerPC Software Tools**

*PowerPC Tools — Development Tools for  
PowerPC Microprocessors*

*PowerPC Embedded Application Binary Interface*

### **RISCWatch Debugger**

*RISCWatch Debugger for PowerPC Processors (Product Brief)*

*RISCWatch Debugger (Installation Guide)*

*RISCWatch Debugger (User's Guide)*

### **IBM High C/C++ Compiler**

*IBM High C/C++ Compiler (Product Brief)*

*High C /C++ Compiler Installation Guide*

*ELF Linker/Locator and Archiver User's Guide*

*High C/C++ Language Reference*

*ELF Assembler User's Guide*

*High C/C++ Programmer's Guide (Contents)*

### **OS Open Real-time Operating System**

*User's Guide*

*Programmer's Reference*

## **Application Notes**

### **PowerPC 401GF**

*DRAM Controller for the 401GF*

### **PowerPC 401 Core**

*401 Interrupt Latency Calculation*

## **PowerPC 403xx**

*System Design Consideration*

*Using Multiple Banks of Self-Refreshing DRAM*

*403GC Implementation of IR Remote Control*

*403GA/GC Migration to 403GCX*

## **IBM Set-Top Box (STB) Products**

### **STB Platform**

*STB Platform Overview*

*STB Platform White Paper*

### **STB Peripheral Chip**

*STB Peripheral Chip Overview*

*STB Peripheral Chip User's Manual*

### **STB Reference Design Kit**

*STB Reference Design Kit Overview*

*STB Reference Design Kit User's Manual*

***STB Reference Design Kit User's Manual Schematics:***

*Ethernet Daughterboard*

*STB Reference Platform*

## **IBM MPEG2 Audio and Video Decoders**

*User Application Guide*